

**BRIAN B. HOPE**, B.SC., M.SC., PH.D., P.ENG.  
STRUCTURAL SPECIALIST  
AND  
CONSTRUCTION MATERIALS SPECIALIST  
TELEPHONE (613) 547-6184

Residence  
57 Shieling Crescent  
Kingston, Ontario  
K7M 4M7  
Telephone (613) 389-0196

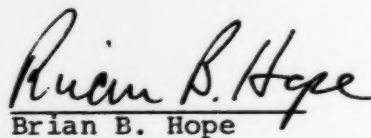
March 7, 1983.

DSF Contract No. 0S082-00238.

Air void determination of concrete incorporating a superplasticizer.

Auxilliary Report.

| Specimen | Air Content<br>% | Specific Surface<br>$\text{mm}^{-1}$ | Spacing Factor<br>mm | Voids per mm. |
|----------|------------------|--------------------------------------|----------------------|---------------|
| MG8-1    | 4.9              | 26.8                                 | 0.179                | 0.330         |
| MG8-2    | 4.6              | 20.1                                 | 0.250                | 0.231         |
| MG8-3    | 2.4              | 11.2                                 | 0.590                | 0.068         |
| MG9-1    | 8.7              | 20.4                                 | 0.138                | 0.444         |
| MG9-2    | 6.7              | 19.2                                 | 0.178                | 0.324         |
| MG9-3    | 3.6              | 9.3                                  | 0.571                | 0.084         |

  
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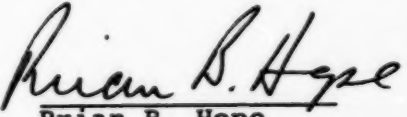
Residence  
57 Shieling Crescent  
Kingston, Ontario  
K7M 4M7  
Telephone (613) 389-0196  
February 24, 1983

DSS Contract No. OS082-00238.

Air void Determination of Concrete Incorporating a Superplasticizer.

Final Report

| Specimen | Air Content<br>% | Specific Surface<br>mm <sup>-1</sup> | Spacing Factor<br>mm | Voids per mm. |
|----------|------------------|--------------------------------------|----------------------|---------------|
| MG2-1    | 7.4              | 24.8                                 | 0.121                | 0.408         |
| MG2-2    | 3.5              | 16.0                                 | 0.330                | 0.141         |
| MG2-3    | 4.1              | 14.7                                 | 0.332                | 0.149         |
| MG3-1    | 6.5              | 24.9                                 | 0.156                | 0.402         |
| MG3-2    | 3.8              | 18.5                                 | 0.271                | 0.177         |
| MG3-3    | 4.1              | 16.4                                 | 0.294                | 0.167         |
| MG4-1    | 6.0              | 24.3                                 | 0.160                | 0.367         |
| MG4-2    | 5.2              | 24.4                                 | 0.189                | 0.317         |
| MG4-3    | 5.0              | 21.0                                 | 0.220                | 0.262         |
| MG6R-1   | 8.1              | 19.1                                 | 0.141                | 0.362         |
| MG6R-2   | 6.3              | 22.2                                 | 0.190                | 0.318         |
| MG6R-3   | 4.8              | 9.6                                  | 0.464                | 0.115         |
| MG7-1    | 5.8              | 19.0                                 | 0.237                | 0.275         |
| MG7-2    | 6.0              | 14.3                                 | 0.307                | 0.215         |
| MG7-3    | 4.2              | 7.2                                  | 0.705                | 0.075         |

  
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MICROMEDIA